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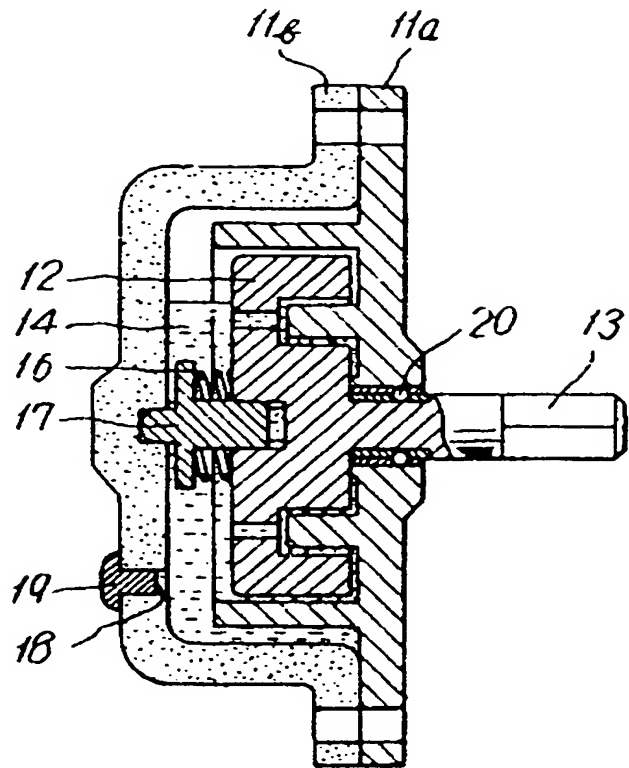
APPLICATION DATE : 09-12-81
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APPLICANT : SECOH GIKEN INC;

INVENTOR : WAKUI HARUO;

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TITLE : VISCOUS FLUID LEAKAGE
PREVENTED ROTARY DELAYED
MOVING DEVICE



ABSTRACT : PURPOSE: To improve leaktightness by giving oil volatility to a portion in which a clearance such as that in a bearing part is formed, while using for the one part of a housing a material through which only air can go in and out, in a device housing a rotary blade in a body with a rotary shaft in the housing in which a viscous fluid is put.

CONSTITUTION: A porous material having remarkably small critical surface tension is used for a case part 11b constructing a housing together with a housing flange part 11a, while for the flange part 11a resin having relatively large critical surface tension is used in order to raise the effect of viscous resistance while improving the wetting of said flange part against the viscous fluid 14 within the housing. Further, on the sliding surface of the flange part 11a to a rotary shaft 13 fluorine resin is fised. Moreover, the inner wall of the flange part 11a is concentrically doubly projected, and a rotary blade 12 is formed into a shape in accord with said inner wall. The rotary blade 12 is formed from the same material quality as that of the flange part 11a, and through the central part of the back of said rotary blade a spline hole is formed, in which a guide shaft 17 is fitted via a compression spring 16.

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